

Code: 9F00404a

MCA IV Semester Regular & Supplementary Examinations September/October 2014

INFORMATION SECURITY

(For students admitted in 2009, 2010, 2011 and 2012 only)

Time: 3 hours

Max Marks: 60

Answer any FIVE questions
All questions carry equal marks

- 1 What is meant by Cryptography? Explain public key cryptography and private key cryptography.
- 2 List and explain various threats in web security.
- 3 What is Virus? Explain different types of viruses.
- 4 Describe trusted system with its architecture.
- 5 Write short note on:
 - (a) SHA - 256.
 - (b) SHA - 512.
 - (c) SHA - 384
- 6 Discuss Pretty Good Privacy (PGP) services.
- 7 How key management is done while implementing IP security?
- 8 What is the role of SNMP in information security?
